

OECS MATHEMATICS CURRICULUM

TEACHERS' GUIDE PRIMARY LEVEL

GRADES 5 – 6

DRAFT

(For planning workshop only)

Acknowledgements

This Teachers' Guide represents the effort of several educators from the OECS. The following persons contributed in one way or another from the conceptualization phase to the review of the draft document.

Dennis Bell	Grenada
Beverlie Brathwaite	British Virgin Islands
Alison Hughes	Anguilla
Sylvia Jack	St. Vincent & the Grenadines
Clermina James	St. Lucia
Rosanne Lander	Dominica
Rosamund Meade	Montserrat
Calwyn Morton	St. Kitts & Nevis
Conrad Powell-Clarke	Antigua & Barbuda
Hazel Riley	St. Kitts & Nevis
Joseph Serieux	St. Lucia
Simon Sharplis	Dominica
Alice Swanston	St. Kitts & Nevis
Sandra Trotman	St. Vincent & the Grenadines
Caron Weston	Antigua & Barbuda

Sincere thanks.

Sonia Severin
OERU Consultant

Table of Contents

	<i>Page</i>
Section One – Introduction	1
Purpose of the Teachers’ Guide	1
Major features of the curriculum	2
Guidelines for using the Curriculum and Teachers’ Guide	5
Suggestions for professional development	13
The mathematically powerful child	16
Section Two – Teaching/Learning Strategies	17
General strategies for teaching mathematics	17
Catering to students’ needs	23
Teaching Methods	30
Developing the curricular emphases	40
Section Three – Assessment Strategies	59
Purposes of assessment	59
Assessment methods	61
Planning for assessment	85
Developing assessment tasks	86
Using and reporting assessment results	87
Section Four – Teaching/Learning Materials and Resources	89
Types of materials	89
Constructing materials	94
Suggestions for using some selected resources and materials	96
Section Five – Teaching/ Learning Statistics	116
General Overview	116
Specific Activities	121
Section Six – Teaching /Learning Geometry	123
General Overview	123
Specific Activities	135
Section Seven – Teaching/Learning Measurement	137
General Overview	137
Specific Activities	143
Section Eight – Teaching/Learning Number Concepts	146
General Overview	146
Specific Activities	147

Section Nine – Teaching/ Learning Computation	152
General Overview	152
Specific Activities	
Bibliography	155